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7-22-03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Darrell K. Cox

Docket No: TI-29875

Serial No: 10/026,348

Conf. No: 8102

Examiner: TBD

Art Unit: 2121

Filed: 12/21/2001

For: VITERBI DECODER USING RESTRUCTURED TRELLIS

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97 & 1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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MAILING CERTIFICATE UNDER 37 C.F.R. § 1.8(a)

I hereby certify that the above correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on 7-8-03.

Ann Trent
Ann Trent

Dear Sir:

In the matter of the above identified application, Applicant is submitting herewith copies of documents listed in the attached form PTO/SB/08A for the Examiner's consideration.

In accordance with 37 CFR 1.97 (c), this Information Disclosure Statement is being submitted before the mailing date of a Final Action or a Notice of Allowance and is accompanied by the following certification specified in 37 CFR 1.97 (e).

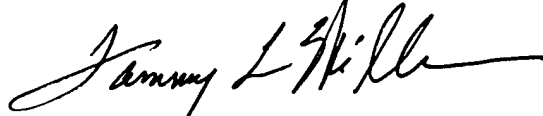
On information and belief, I hereby certify that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

Pursuant to 37 CFR 1.97 (c), Applicant respectfully petitions that this Information Disclosure Statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of Texas Instruments

Incorporated, Account No. 20-0668, and please credit any excess fees to such Deposit Account.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Tammy L. Williams", with a long horizontal flourish extending to the right.

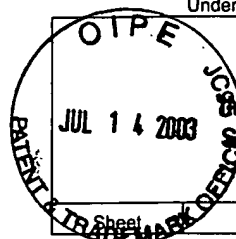
Tammy L. Williams
Attorney for Applicant
Reg. No. 38,660

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

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Complete If Known

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| Application Number | 10/026,348 |
| Filing Date | 12/21/2001 |
| First Named Inventor | Darrell K. Cox |
| Group Art Unit | 2121 |
| Examiner Name | |
| Attorney Docket No. | TI-29875 |

U.S. PATENT DOCUMENTS

| Exam. Initials* | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Doc. | Date of Pub. of Cited Doc. (mm-dd-yyyy) | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|--------------------|--------------------------|----------------------|--------------------------------------|---|---|---|
| | | Number | Kind Code ² (if known) | | | |
| | AA | 5,257,272 | | Fredrickson | 10/26/1993 | |
| | AB | | | | | |
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FOREIGN PATENT DOCUMENTS

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

| Exam. Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|--------------------|--------------------------|---|----------------|
| | CA | HENDRIX, Henry, "Viterbi Decoding Techniques for the TMS320C54x DSP Generation," Texas Instruments Application Report SPRA071A, January 2002, pp. 1-29 | |
| | CB | TAI PALE, Dana, "Implementing Viterbi Decoders Using the VSL Instruction on DSP Families DSP56300 and DSP56600, Motorola Application Report, May 1998, XP002236514, pp. 1-48 | |
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¹Unique citation designation number. ²Applicant is to place a check mark here if English Translation is attached.